APPENDIX A (MODEL 1)

A-1 Descriptive Statistics

```
. summarize y_price x1_ncogl x2_llril x3_nplgl  x4_llpgl cv1_ta cv2_cboe
```

Variable	Obs	Mean	Std. Dev.	Min	Max
y_price	330	2.86294	.6073349	1.506297	4.130676
x1_ncogl	330	.3685152	.25489	-.33	1.62
x2_llril	330	4.560455	.3674856	3.35	5.63
x3_nplgl	330	.3651515	.5654071	-1.11	1.34
x4_llpgl	330	.2353636	.2894655	-.3	1.45
cv1_ta	330	12.08827	.8644293	10.61	13.68
cv2_cboe	330	3.884482	.2881101	3.413126	4.722864

A-2 Correlation Table

```
. pwcorr y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe, sig
```

	y_price	x1_ncogl	x2_llril	x3_nplgl	x4_llpgl	cv1_ta	cv2_cboe
y_price	1.0000						
x1_ncogl	-0.0297	1.0000					
	0.5908						
x2_llril	0.3195	-0.0203	1.0000				
	0.0000	0.7138					
x3_nplgl	-0.2208	0.3178	-0.6698	1.0000			
	0.0001	0.0000	0.0000				
x4_llpgl	-0.2560	0.1305	-0.1840	0.4315	1.0000		
	0.0000	0.0177	0.0008	0.0000			
cv1_ta	0.6580	0.1553	0.1325	-0.1602	-0.0829	1.0000	
	0.0000	0.0047	0.0160	0.0035	0.1329		
cv2_cboe	-0.1239	-0.0825	0.1509	-0.0380	0.3588	0.0561	1.0000
	0.0244	0.1349	0.0060	0.4914	0.0000	0.3096	

A-3 VIF Test

```
. vif

    Variable |       VIF       1/VIF
-------------+----------------------
    x3_nplgl |      2.69    0.371946
    x2_llril |      2.06    0.485312
    x4_llpgl |      1.50    0.665314
    x1_ncogl |      1.29    0.775971
    cv2_cboe |      1.25    0.797599
      cv1_ta |      1.09    0.919239
-------------+----------------------
    Mean VIF |      1.65
```

A-4 Pooled OLS Model

```
. regress y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe

      Source |       SS           df       MS      Number of obs   =       330
-------------+----------------------------------   F(6, 323)       =     76.26
       Model |  71.1371036         6  11.8561839   Prob > F        =    0.0000
    Residual |  50.2163993       323  .155468728   R-squared       =    0.5862
-------------+----------------------------------   Adj R-squared   =    0.5785
       Total |  121.353503       329  .368855632   Root MSE        =     .3943

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |  -.5181107   .0968162    -5.35   0.000    -.7085807   -.3276406
    x2_llril |    .705317   .0849127     8.31   0.000     .5382652    .8723689
    x3_nplgl |   .3294179   .0630409     5.23   0.000     .2053954    .4534405
    x4_llpgl |  -.3407548    .092069    -3.70   0.000    -.5218853   -.1596242
      cv1_ta |   .4782428   .0262289    18.23   0.000     .4266418    .5298438
    cv2_cboe |  -.3678299   .0844837    -4.35   0.000    -.5340376   -.2016221
       _cons |  -4.555083   .5587047    -8.15   0.000    -5.654242   -3.455923
------------------------------------------------------------------------------
```

A-5 Random Effect Model

```
. xtreg y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe, re

Random-effects GLS regression                   Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.4341                                         min =        33
     between = 0.4264                                         avg =      33.0
     overall = 0.4133                                         max =        33

                                                Wald chi2(6)       =    243.58
corr(u_i, X)   = 0 (assumed)                    Prob > chi2        =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |   .1743227   .0431871     4.04   0.000     .0896776    .2589679
    x2_llril |   .3199076   .0525911     6.08   0.000     .2168308    .4229843
    x3_nplgl |  -.0214686   .0480126    -0.45   0.655    -.1155715    .0726343
    x4_llpgl |  -.3508823   .0403491    -8.70   0.000    -.4299652   -.2717995
      cv1_ta |   .1657042   .0678911     2.44   0.015     .0326401    .2987684
     cv2_cboe |  -.2130279   .0335131    -6.36   0.000    -.2787123   -.1473435
       _cons |   .2546241   .9302215     0.27   0.784    -1.568577    2.077825
-------------+----------------------------------------------------------------
     sigma_u |   .3200098
     sigma_e |  .13945316
         rho |  .84040515   (fraction of variance due to u_i)
------------------------------------------------------------------------------

. estimates store re
```

A-6 Fixed Effect Model

```
. xtreg y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe, fe

Fixed-effects (within) regression               Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.4384                                         min =         33
     between = 0.2006                                         avg =       33.0
     overall = 0.2124                                         max =         33

                                                F(6,314)           =     40.86
corr(u_i, Xb)  = 0.1498                         Prob > F           =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |   .1645122   .0427061     3.85   0.000     .0804859    .2485384
    x2_llril |   .2738851   .0540056     5.07   0.000     .1676265    .3801437
    x3_nplgl |  -.0669916   .0499432    -1.34   0.181    -.1652574    .0312741
    x4_llpgl |  -.3250671   .0407117    -7.98   0.000    -.4051694   -.2449648
      cv1_ta |   .0390855   .0805067     0.49   0.628    -.1193154    .1974863
    cv2_cboe |  -.1962702   .0332959    -5.89   0.000    -.2617814   -.130759
       _cons |   1.944177   1.088479     1.79   0.075    -.1974566    4.08581
-------------+----------------------------------------------------------------
     sigma_u |  .55512015
     sigma_e |  .13945316
         rho |  .94063842   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(9, 314) = 252.02                Prob > F = 0.0000

. estimates store fe
```

A-7 FGLS Model

```
. xtgls y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe

Cross-sectional time-series FGLS regression

Coefficients: generalized least squares
Panels:         homoskedastic
Correlation:    no autocorrelation

Estimated covariances      =         1          Number of obs     =       330
Estimated autocorrelations =         0          Number of groups  =        10
Estimated coefficients     =         7          Time periods      =        33
                                                Wald chi2(6)      =    467.48
Log likelihood             = -157.5958          Prob > chi2       =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |  -.5181107   .0957839    -5.41   0.000    -.7058436   -.3303777
    x2_llril |    .705317   .0840073     8.40   0.000     .5406657    .8699684
    x3_nplgl |   .3294179   .0623687     5.28   0.000     .2071776    .4516583
    x4_llpgl |  -.3407548   .0910872    -3.74   0.000    -.5192825   -.1622271
      cv1_ta |   .4782428   .0259492    18.43   0.000     .4273833    .5291023
    cv2_cboe |  -.3678299   .0835829    -4.40   0.000    -.5316492   -.2040105
       _cons |  -4.555083   .5527473    -8.24   0.000    -5.638447   -3.471718
------------------------------------------------------------------------------

.
```

A-8 Breusch and Pagan LM Test (Pooled OLS Model vs Random Effect Model)

A-9 Hausman Test (Fixed Effect Model vs Random Effect Model)

```
. hausman fe

                 ---- Coefficients ----
             |      (b)          (B)            (b-B)     sqrt(diag(V_b-V_B))
             |       fe           .          Difference          S.E.
-------------+----------------------------------------------------------------
    x1_ncogl |    .1645122     .1743227       -.0098106               .
    x2_llril |    .2738851     .3199076       -.0460225        .0122791
    x3_nplgl |   -.0669916    -.0214686       -.0455231        .0137522
    x4_llpgl |   -.3250671    -.3508823        .0258152        .0054215
      cv1_ta |    .0390855     .1657042       -.1266188        .0432681
     cv2_cboe|   -.1962702    -.2130279        .0167577               .
------------------------------------------------------------------------------
                           b = consistent under Ho and Ha; obtained from xtreg
            B = inconsistent under Ha, efficient under Ho; obtained from xtreg

    Test:  Ho:  difference in coefficients not systematic

                  chi2(6) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =        7.82
                Prob>chi2 =      0.2516
                (V_b-V_B is not positive definite)
```

A-10 Pesaran CD Test (Cross Sectional Dependency Test)

A-11 Serial Correlation Test

A-12 Heterokedasticity Test

--

APPENDIX B (MODEL 2)

B-1 Pooled OLS Model

```
. regress y_price x1_ncogl cv1_ta cv2_cboe

      Source |       SS           df       MS      Number of obs   =       330
-------------+----------------------------------   F(3, 326)       =    100.76
       Model |  58.3851403         3  19.4617134   Prob > F        =    0.0000
    Residual |  62.9683626       326  .193154486   R-squared       =    0.4811
-------------+----------------------------------   Adj R-squared   =    0.4763
       Total |  121.353503       329  .368855632   Root MSE        =    .43949

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |  -.3610709   .0966426    -3.74   0.000    -.5511927   -.1709491
      cv1_ta |   .4857413   .0284443    17.08   0.000     .4297838    .5416987
    cv2_cboe |   -.369245   .0845949    -4.36   0.000    -.5356658   -.2028242
       _cons |  -1.441448   .4587729    -3.14   0.002    -2.343977   -.5389186
------------------------------------------------------------------------------
```

--

B-2 Random Effect Model

```
. xtreg y_price x1_ncogl cv1_ta cv2_cboe, re

Random-effects GLS regression                   Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.1971                                         min =        33
     between = 0.5769                                         avg =      33.0
     overall = 0.1661                                         max =        33

                                                Wald chi2(3)       =     71.34
corr(u_i, X)   = 0 (assumed)                    Prob > chi2        =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |    .092686   .0501784     1.85   0.065    -.0056618    .1910338
      cv1_ta |  -.0919516   .0678015    -1.36   0.175      -.22484    .0409368
     cv2_cboe |  -.2388972   .0343096    -6.96   0.000    -.3061427   -.1716516
       _cons |   4.868311   .8034842     6.06   0.000     3.293511    6.443111
-------------+----------------------------------------------------------------
     sigma_u |  .43640699
     sigma_e |  .16532696
         rho |  .87449493   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

B-3 Fixed Effect Model

```
Fixed-effects (within) regression               Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.2032                                          min =        33
     between = 0.5391                                          avg =      33.0
     overall = 0.3311                                          max =        33

                                                F(3,317)           =     26.94
corr(u_i, Xb)  = -0.7552                        Prob > F           =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
   x1_ncogl  |   .0803272   .0493459     1.63   0.105    -.0167598    .1774141
     cv1_ta  |  -.2064749   .0727576    -2.84   0.005    -.3496236   -.0633262
   cv2_cboe  |   -.220521   .0338901    -6.51   0.000    -.2871989   -.1538431
      _cons  |   6.185872   .8471235     7.30   0.000     4.519177    7.852567
-------------+----------------------------------------------------------------
     sigma_u |  .75384923
     sigma_e |  .16532696
         rho |  .95411012   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(9, 317) = 220.75                    Prob > F = 0.0000
```

B-4 FGLS Model

```
. xtgls y_price x1_ncogl x2_llril x3_nplgl x4_llpgl cv1_ta cv2_cboe

Cross-sectional time-series FGLS regression

Coefficients:  generalized least squares
Panels:        homoskedastic
Correlation:   no autocorrelation

Estimated covariances      =         1          Number of obs      =       330
Estimated autocorrelations =         0          Number of groups   =        10
Estimated coefficients     =         7          Time periods       =        33
                                                Wald chi2(6)       =    467.48
Log likelihood             = -157.5958          Prob > chi2        =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x1_ncogl |  -.5181107   .0957839    -5.41   0.000    -.7058436   -.3303777
    x2_llril |    .705317   .0840073     8.40   0.000     .5406657    .8699684
    x3_nplgl |   .3294179   .0623687     5.28   0.000     .2071776    .4516583
    x4_llpgl |  -.3407548   .0910872    -3.74   0.000    -.5192825   -.1622271
      cv1_ta |   .4782428   .0259492    18.43   0.000     .4273833    .5291023
    cv2_cboe |  -.3678299   .0835829    -4.40   0.000    -.5316492   -.2040105
       _cons |  -4.555083   .5527473    -8.24   0.000    -5.638447   -3.471718
------------------------------------------------------------------------------

.
```

B-5 Breusch and Pagan LM Test (Pooled OLS Model vs Random Effect Model)

B-6 Hausman Test (Fixed Effect Model vs Random Effect Model)

```
. hausman fe1

                 ---- Coefficients ----
             |      (b)          (B)            (b-B)     sqrt(diag(V_b-V_B))
             |      fe1           .          Difference          S.E.
-------------+----------------------------------------------------------------
    x1_ncogl |    .0803272      .092686       -.0123588               .
      cv1_ta |   -.2064749    -.0919516       -.1145233         .0263936
     cv2_cboe |    -.220521    -.2388972        .0183762               .
------------------------------------------------------------------------------
                          b = consistent under Ho and Ha; obtained from xtreg
           B = inconsistent under Ha, efficient under Ho; obtained from xtreg

    Test:  Ho:  difference in coefficients not systematic

                  chi2(3) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =       18.57
                Prob>chi2 =      0.0003
                (V_b-V_B is not positive definite)
```

--

B-7 Pesaran CD Test (Cross Sectional Dependency Test)

B-8 Serial Correlation Test

B-9 Heterokedasticity Test

```
. imtest, white

White's test for Ho: homoskedasticity
         against Ha: unrestricted heteroskedasticity

         chi2(9)      =     39.04
         Prob > chi2  =    0.0000

Cameron & Trivedi's decomposition of IM-test
```

Source	chi2	df	p
Heteroskedasticity	39.04	9	0.0000
Skewness	9.55	3	0.0228
Kurtosis	0.22	1	0.6417
Total	48.81	13	0.0000

APPENDIX C (MODEL 3)

C-1 Pooled OLS Model

```
. regress y_price x2_llril cv1_ta cv2_cboe

      Source |       SS           df       MS      Number of obs   =       330
-------------+----------------------------------   F(3, 326)       =    120.96
       Model |  63.9242937         3  21.3080979   Prob > F        =    0.0000
    Residual |  57.4292092       326  .176163218   R-squared       =    0.5268
-------------+----------------------------------   Adj R-squared   =    0.5224
       Total |  121.353503       329  .368855632   Root MSE        =    .41972

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x2_llril |   .4389968   .0642063     6.84   0.000     .3126858    .5653078
      cv1_ta |   .4454441   .0270252    16.48   0.000     .3922782    .4986099
    cv2_cboe |  -.4206332   .0813018    -5.17   0.000    -.5805757   -.2606908
       _cons |  -2.889793    .484023    -5.97   0.000    -3.841995    -1.93759
------------------------------------------------------------------------------
```

--

C-2 Random Effect Model

```
. xtreg y_price x2_llril cv1_ta cv2_cboe, re

Random-effects GLS regression                   Number of obs     =        330
Group variable: bankcount                       Number of groups  =         10

R-sq:                                           Obs per group:
     within  = 0.2816                                         min =         33
     between = 0.0937                                         avg =       33.0
     overall = 0.1044                                         max =         33

                                                Wald chi2(3)      =     123.35
corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =     0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x2_llril |    .340121   .0507034     6.71   0.000     .2407441    .4394979
      cv1_ta |  -.0087922   .0661721    -0.13   0.894    -.1384871    .1209027
    cv2_cboe |   -.325136   .0345868    -9.40   0.000    -.3929249   -.2573471
       _cons |     2.6811   .8509319     3.15   0.002     1.013305    4.348896
-------------+----------------------------------------------------------------
     sigma_u |  .45605487
     sigma_e |  .15662886
         rho |  .89449191   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

C-3 Fixed Effect Model

```
. xtreg y_price x2_llril cv1_ta cv2_cboe, fe

Fixed-effects (within) regression               Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.2848                                         min =         33
     between = 0.0329                                         avg =       33.0
     overall = 0.0010                                         max =         33

                                                F(3,317)           =     42.08
corr(u_i, Xb)  = -0.2805                        Prob > F           =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x2_llril |   .3184549   .0509036     6.26   0.000     .2183033    .4186065
      cv1_ta |  -.0934823   .0711624    -1.31   0.190    -.2334925    .0465279
    cv2_cboe |   -.306709     .03476    -8.82   0.000    -.3750985   -.2383195
       _cons |   3.732085   .8989575     4.15   0.000     1.963408    5.500762
-------------+----------------------------------------------------------------
     sigma_u |  .64391678
     sigma_e |  .15662886
         rho |  .94413763   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(9, 317) = 224.88                    Prob > F = 0.0000
```

C-4 FGLS Model

```
. xtgls y_price x2_llril cv1_ta cv2_cboe

Cross-sectional time-series FGLS regression

Coefficients: generalized least squares
Panels:        homoskedastic
Correlation:   no autocorrelation

Estimated covariances      =         1          Number of obs     =       330
Estimated autocorrelations =         0          Number of groups  =        10
Estimated coefficients     =         4          Time periods      =        33
                                                Wald chi2(3)      =    367.32
Log likelihood             = -179.7407          Prob > chi2       =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x2_llril |   .4389968    .063816     6.88   0.000     .3139197    .5640739
      cv1_ta |   .4454441   .0268609    16.58   0.000     .3927976    .4980905
    cv2_cboe |  -.4206332   .0808076    -5.21   0.000    -.5790132   -.2622533
       _cons |  -2.889793   .4810805    -6.01   0.000    -3.832693   -1.946892
------------------------------------------------------------------------------
```

C-5 Breusch and Pagan LM Test (Pooled OLS Model vs Random Effect Model)

C-6 Hausman Test (Fixed Effect Model vs Random Effect Model)

```
. hausman fe2

                 Coefficients
             |      (b)          (B)            (b-B)     sqrt(diag(V_b-V_B))
             |      fe2           .          Difference          S.E.
-------------+----------------------------------------------------------------
    x2_llril |    .3184549      .340121       -.0216661         .00451
      cv1_ta |   -.0934823    -.0087922       -.0846901        .0261789
    cv2_cboe |    -.306709     -.325136         .018427        .0034658
------------------------------------------------------------------------------
                           b = consistent under Ho and Ha; obtained from xtreg
            B = inconsistent under Ha, efficient under Ho; obtained from xtreg

    Test:  Ho:  difference in coefficients not systematic

                  chi2(3) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =       10.45
                Prob>chi2 =      0.0151
                (V_b-V_B is not positive definite)
```

--

C-7 Pesaran CD Test (Cross Sectional Dependency Test)

C-8 Serial Correlation Test

```
. xtserial y_price x2_llril cv1_ta cv2_cboe

Wooldridge test for autocorrelation in panel
H0: no first-order autocorrelati
    F(  1,       9)
```

C-9 Heterokedasticity Test

```
. imtest, white

White's test for Ho: homoskedasticity
         against Ha: unrestricted heteroskedasticity

         chi2(9)      =     59.97
         Prob > chi2  =    0.0000

Cameron & Trivedi's decomposition of IM-test
```

Source	chi2	df	p
Heteroskedasticity	59.97	9	0.0000
Skewness	13.50	3	0.0037
Kurtosis	0.07	1	0.7968
Total	73.53	13	0.0000

APPENDIX D (MODEL 4)

D-1 Pooled OLS Model

```
. regress y_price x3_nplgl cv1_ta cv2_cboe

      Source |       SS           df       MS      Number of obs   =       330
-------------+----------------------------------   F(3, 326)       =     97.81
       Model |  57.4850737         3  19.1616912   Prob > F        =    0.0000
    Residual |  63.8684292       326  .195915427   R-squared       =    0.4737
-------------+----------------------------------   Adj R-squared   =    0.4689
       Total |  121.353503       329  .368855632   Root MSE        =    .44262

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x3_nplgl |  -.1324472   .0437429    -3.03   0.003    -.2185012   -.0463932
      cv1_ta |   .4549229   .0286358    15.89   0.000     .3985885    .5112572
     cv2_cboe |  -.3475944   .0848693    -4.10   0.000    -.5145551   -.1806337
       _cons |  -1.237705   .4688787    -2.64   0.009    -2.160115   -.3152949
------------------------------------------------------------------------------
```

--

D-2 Random Effect Model

```
. xtreg y_price x3_nplgl cv1_ta cv2_cboe, re

Random-effects GLS regression                   Number of obs     =        330
Group variable: bankcount                       Number of groups  =         10

R-sq:                                           Obs per group:
     within  = 0.2849                                         min =         33
     between = 0.2703                                         avg =       33.0
     overall = 0.1661                                         max =         33

                                                Wald chi2(3)      =     111.95
corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =     0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x3_nplgl |  -.2669476   .0452005    -5.91   0.000    -.3555391   -.1783562
      cv1_ta |  -.2607312   .0681654    -3.82   0.000    -.3943329   -.1271294
     cv2_cboe |    -.23716   .0325296    -7.29   0.000    -.3009169   -.1734031
       _cons |   7.033449   .8129185     8.65   0.000     5.440158     8.62674
-------------+----------------------------------------------------------------
     sigma_u |  .47724633
     sigma_e |  .15603914
         rho |  .90342313   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

D-3 **Fixed Effect Model**

```
. xtreg y_price x3_nplgl cv1_ta cv2_cboe, fe

Fixed-effects (within) regression               Number of obs      =       330
Group variable: bankcount                       Number of groups   =        10

R-sq:                                           Obs per group:
     within  = 0.2902                                         min =        33
     between = 0.3407                                         avg =      33.0
     overall = 0.2393                                         max =        33

                                                F(3,317)           =     43.20
corr(u_i, Xb)  = -0.7865                        Prob > F           =    0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x3_nplgl |  -.2896479   .0447817    -6.47   0.000    -.3777548    -.201541
      cv1_ta |  -.3771468   .0715039    -5.27   0.000     -.517829   -.2364646
     cv2_cboe |  -.2192568   .0319608    -6.86   0.000    -.2821389   -.1563747
       _cons |   8.379457   .8357226    10.03   0.000     6.735194    10.02372
-------------+----------------------------------------------------------------
     sigma_u |  .86411268
     sigma_e |  .15603914
         rho |  .96842155   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(9, 317) = 256.24                    Prob > F = 0.0000

.
```

--

D-4 FGLS Model

```
. xtgls y_price x3_nplgl cv1_ta cv2_cboe

Cross-sectional time-series FGLS regression

Coefficients: generalized least squares
Panels:       homoskedastic
Correlation:  no autocorrelation

Estimated covariances      =         1          Number of obs     =        330
Estimated autocorrelations =         0          Number of groups  =         10
Estimated coefficients     =         4          Time periods      =         33
                                                Wald chi2(3)      =     297.02
Log likelihood             = -197.2756          Prob > chi2       =     0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x3_nplgl |  -.1324472    .043477    -3.05   0.002    -.2176605   -.0472339
      cv1_ta |   .4549229   .0284618    15.98   0.000     .3991388    .5107069
    cv2_cboe |  -.3475944   .0843534    -4.12   0.000     -.512924   -.1822647
       _cons |  -1.237705   .4660283    -2.66   0.008    -2.151104    -.324306
------------------------------------------------------------------------------
```

D-5 Breusch and Pagan LM Test (Pooled OLS Model vs Random Effect Model)

D-6 Hausman Test (Fixed Effect Model vs Random Effect Model)

```
. hausman fe3

                 ---- Coefficients ----
             |      (b)          (B)            (b-B)     sqrt(diag(V_b-V_B))
             |      fe3           .          Difference          S.E.
-------------+----------------------------------------------------------------
    x3_nplgl |   -.2896479    -.2669476       -.0227003               .
      cv1_ta |   -.3771468    -.2607312       -.1164156        .0215937
    cv2_cboe |   -.2192568     -.23716         .0179031               .
------------------------------------------------------------------------------
                           b = consistent under Ho and Ha; obtained from xtreg
            B = inconsistent under Ha, efficient under Ho; obtained from xtreg

    Test:  Ho:  difference in coefficients not systematic

                  chi2(3) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =       29.06
                Prob>chi2 =      0.0000
                (V_b-V_B is not positive definite)
```

--

D-7 Pesaran CD Test (Cross Sectional Dependency Test)

D-8 Serial Correlation Test

```
. xtserial y_price x3_nplgl cv1_ta cv2_cboe

Wooldridge test for autocorrelation in panel
H0: no first-order autocorrelati
    F(  1,       9)
```

D-9 Heterokedasticity Test

```
. imtest, white

White's test for Ho: homoskedasticity
         against Ha: unrestricted heteroskedasticity

         chi2(9)      =     94.78
         Prob > chi2  =    0.0000

Cameron & Trivedi's decomposition of IM-test
```

Source	chi2	df	p
Heteroskedasticity	94.78	9	0.0000
Skewness	24.03	3	0.0000
Kurtosis	0.55	1	0.4578
Total	119.36	13	0.0000

APPENDIX E (MODEL 5)

E-1 Pooled OLS Model

```
. regress y_price x4_llpgl cv1_ta cv2_cboe

      Source |       SS           df       MS      Number of obs   =       330
-------------+----------------------------------   F(3, 326)       =    101.36
       Model |  58.5658233         3  19.5219411   Prob > F        =    0.0000
    Residual |  62.7876796       326  .192600244   R-squared       =    0.4826
-------------+----------------------------------   Adj R-squared   =    0.4778
       Total |  121.353503       329  .368855632   Root MSE        =    .43886

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x4_llpgl |  -.3482204   .0900993    -3.86   0.000    -.5254697    -.170971
      cv1_ta |   .4566063   .0282069    16.19   0.000     .4011158    .5120968
     cv2_cboe |  -.2124846   .0903539    -2.35   0.019    -.3902348   -.0347343
       _cons |  -1.749291   .4632011    -3.78   0.000    -2.660532   -.8380505
------------------------------------------------------------------------------
```

--

E-2 Random Effect Model

```
. xtreg y_price x4_llpgl cv1_ta cv2_cboe, re

Random-effects GLS regression                   Number of obs     =        330
Group variable: bankcount                       Number of groups  =         10

R-sq:                                           Obs per group:
     within  = 0.3203                                         min =         33
     between = 0.0023                                         avg =       33.0
     overall = 0.0294                                         max =         33

                                                Wald chi2(3)      =     147.00
corr(u_i, X)   = 0 (assumed)                    Prob > chi2       =     0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x4_llpgl |  -.3260183   .0409854    -7.95   0.000    -.4063483   -.2456884
      cv1_ta |  -.0164758    .064543    -0.26   0.799    -.1429777    .1100261
     cv2_cboe |  -.1408527   .0335497    -4.20   0.000     -.206609   -.0750965
       _cons |   3.685976   .7752235     4.75   0.000     2.166566    5.205386
-------------+----------------------------------------------------------------
     sigma_u |  .48180903
     sigma_e |  .15242759
         rho |  .90901909   (fraction of variance due to u_i)
------------------------------------------------------------------------------
```

E-3 Fixed Effect Model

```
. xtreg y_price x4_llpgl cv1_ta cv2_cboe, fe

Fixed-effects (within) regression               Number of obs     =        330
Group variable: bankcount                       Number of groups  =         10

R-sq:                                           Obs per group:
     within  = 0.3227                                         min =         33
     between = 0.2638                                         avg =       33.0
     overall = 0.0283                                         max =         33

                                                F(3,317)          =      50.33
corr(u_i, Xb)  = -0.3734                        Prob > F          =     0.0000

------------------------------------------------------------------------------
     y_price |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    x4_llpgl |  -.3138311   .0408433    -7.68   0.000    -.3941892   -.2334729
      cv1_ta |  -.0880352   .0684964    -1.29   0.200    -.2228002    .0467297
     cv2_cboe |  -.1331999   .0333288    -4.00   0.000    -.1987735   -.0676263
       _cons |    4.51841   .8051537     5.61   0.000      2.93429    6.102531
-------------+----------------------------------------------------------------
     sigma_u |  .65767681
     sigma_e |  .15242759
         rho |  .94902249   (fraction of variance due to u_i)
------------------------------------------------------------------------------
F test that all u_i=0: F(9, 317) = 265.04                    Prob > F = 0.0000
```

--

E-4 FGLS Model

```
. xtgls y_price x3_nplgl cv1_ta cv2_cboe

Cross-sectional time-series FGLS regression

Coefficients:  generalized least squares
Panels:        homoskedastic
Correlation:   no autocorrelation

Estimated covariances      =         1          Number of obs      =       330
Estimated autocorrelations =         0          Number of groups   =        10
Estimated coefficients     =         4          Time periods       =        33
                                                Wald chi2(3)       =    297.02
Log likelihood             = -197.2756          Prob > chi2        =    0.0000
```

y_price	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
x3_nplgl	-.1324472	.043477	-3.05	0.002	-.2176605	-.0472339
cv1_ta	.4549229	.0284618	15.98	0.000	.3991388	.5107069
cv2_cboe	-.3475944	.0843534	-4.12	0.000	-.512924	-.1822647
_cons	-1.237705	.4660283	-2.66	0.008	-2.151104	-.324306

E-5 Breusch and Pagan LM Test (Pooled OLS Model vs Random Effect Model)

E-6 Hausman Test (Fixed Effect Model vs Random Effect Model)

```
. hausman fe4

                 ---- Coefficients ----
             |      (b)          (B)            (b-B)     sqrt(diag(V_b-V_B))
             |      fe4           .          Difference          S.E.
-------------+----------------------------------------------------------------
    x4_llpgl |   -.3138311    -.3260183        .0121873               .
      cv1_ta |   -.0880352    -.0164758       -.0715594        .0229339
    cv2_cboe |   -.1331999    -.1408527        .0076528               .
------------------------------------------------------------------------------
                           b = consistent under Ho and Ha; obtained from xtreg
            B = inconsistent under Ha, efficient under Ho; obtained from xtreg

    Test:  Ho:  difference in coefficients not systematic

                  chi2(3) = (b-B)'[(V_b-V_B)^(-1)](b-B)
                          =        9.73
                Prob>chi2 =      0.0210
                (V_b-V_B is not positive definite)
```

--

E-7 Pesaran CD Test (Cross Sectional Dependency Test)

E-8 Serial Correlation Test

```
. xtserial y_price x3_nplgl cv1_ta cv2_cboe

Wooldridge test for autocorrelation in panel
H0: no first-order autocorrelati
    F(  1,       9)
```

E-9 Heterokedasticity Test

```
. imtest, white

White's test for Ho: homoskedasticity
         against Ha: unrestricted heteroskedasticity

         chi2(9)      =     94.78
         Prob > chi2  =    0.0000

Cameron & Trivedi's decomposition of IM-test
```

Source	chi2	df	p
Heteroskedasticity	94.78	9	0.0000
Skewness	24.03	3	0.0000
Kurtosis	0.55	1	0.4578
Total	119.36	13	0.0000

APPENDIX F (PANEL DATA SET)

BANK	TIME	PRICE	NCR	LLR	NPL	LLP	TA	CBOE
CIMB Group Holdings Berhad	**2012q4**	3.111736	1.06	4.42	1.34	0.16	12.73	3.960623
CIMB Group Holdings Berhad	**2013q1**	3.081451	0.43	4.41	1.32	0.09	12.81	3.749269
CIMB Group Holdings Berhad	**2013q2**	3.17847	0.23	4.41	1.27	0.14	12.81	3.843316
CIMB Group Holdings Berhad	**2013q3**	3.109507	0.60	4.41	1.22	0.22	12.82	3.851423
CIMB Group Holdings Berhad	**2013q4**	3.109061	0.53	4.44	1.15	0.30	12.82	3.71771
CIMB Group Holdings Berhad	**2014q1**	3.044046	0.60	4.43	1.12	0.16	12.85	3.834926
CIMB Group Holdings Berhad	**2014q2**	3.087399	0.58	4.37	1.14	0.18	12.86	3.594019
CIMB Group Holdings Berhad	**2014q3**	3.052113	0.54	4.31	1.19	0.33	12.88	3.811982
CIMB Group Holdings Berhad	**2014q4**	2.872434	0.44	4.41	1.13	0.61	12.93	3.840742
CIMB Group Holdings Berhad	**2015q1**	2.860485	0.22	4.43	1.15	0.81	12.99	3.903991
CIMB Group Holdings Berhad	**2015q2**	2.823757	0.54	4.36	1.20	0.79	13.00	3.84203
CIMB Group Holdings Berhad	**2015q3**	2.685805	0.43	4.34	1.23	0.76	13.07	4.175156
CIMB Group Holdings Berhad	**2015q4**	2.60269	0.51	4.44	1.12	0.77	13.04	3.900153
CIMB Group Holdings Berhad	**2016q1**	2.592265	0.51	4.44	1.11	0.64	13.05	4.001864
CIMB Group Holdings Berhad	**2016q2**	2.586259	0.47	4.43	1.15	0.71	13.06	3.818152
CIMB Group Holdings Berhad	**2016q3**	2.628285	0.64	4.39	1.17	0.73	13.09	3.652734
CIMB Group Holdings Berhad	**2016q4**	2.646884	0.61	4.38	1.19	0.77	13.09	3.793915
CIMB Group Holdings Berhad	**2017q1**	2.741485	0.60	4.38	1.15	0.53	13.13	3.618457
CIMB Group Holdings Berhad	**2017q2**	2.929592	0.74	4.35	1.17	0.66	13.12	3.478467
CIMB Group Holdings Berhad	**2017q3**	2.992226	0.66	4.28	1.24	0.68	13.14	3.413126
CIMB Group Holdings Berhad	**2017q4**	2.930127	0.64	4.26	1.22	0.69	13.14	3.48124
CIMB Group Holdings Berhad	**2018q1**	3.074081	0.70	4.50	1.17	0.50	13.14	3.977061
CIMB Group Holdings Berhad	**2018q2**	2.92047	0.47	4.51	1.15	0.46	13.15	3.859677
CIMB Group Holdings Berhad	**2018q3**	2.887033	0.45	4.52	1.12	0.46	13.17	3.632574
CIMB Group Holdings Berhad	**2018q4**	2.844328	0.56	4.51	1.07	0.43	13.19	4.17007
CIMB Group Holdings Berhad	**2019q1**	2.810607	0.25	4.52	1.05	0.35	13.22	3.807995
CIMB Group Holdings Berhad	**2019q2**	2.767576	0.86	4.36	1.14	0.36	13.23	3.848231
CIMB Group Holdings Berhad	**2019q3**	2.71932	0.67	4.34	1.15	0.34	13.25	3.93847
CIMB Group Holdings Berhad	**2019q4**	2.745988	0.49	4.39	1.12	0.46	13.26	3.679334
CIMB Group Holdings Berhad	**2020q1**	2.591516	0.37	4.33	1.23	1.06	13.28	4.722864
CIMB Group Holdings Berhad	**2020q2**	2.377693	0.43	4.41	1.28	1.33	13.30	4.522766
CIMB Group Holdings Berhad	**2020q3**	2.299581	0.47	4.54	1.21	1.44	13.31	4.346917
CIMB Group Holdings Berhad	**2020q4**	2.386926	0.50	4.52	1.27	1.45	13.31	4.398638
Alliance Bank Malaysia Berhad	**2012q4**	2.508623	0.12	4.43	0.75	-0.15	10.61	3.960623
Alliance Bank Malaysia Berhad	**2013q1**	2.540657	0.38	4.41	0.72	-0.09	10.68	3.749269
Alliance Bank Malaysia Berhad	**2013q2**	2.667228	0.05	4.44	0.66	0.08	10.69	3.843316
Alliance Bank Malaysia Berhad	**2013q3**	2.713038	0.17	4.46	0.55	-0.01	10.73	3.851423
Alliance Bank Malaysia Berhad	**2013q4**	2.678003	0.25	4.51	0.43	0.01	10.74	3.71771
Alliance Bank Malaysia Berhad	**2014q1**	2.590317	0.28	4.53	0.31	-0.04	10.78	3.834926
Alliance Bank Malaysia Berhad	**2014q2**	2.630521	0.15	4.50	0.31	0.03	10.82	3.594019
Alliance Bank Malaysia Berhad	**2014q3**	2.690565	0.42	4.48	0.18	0.01	10.84	3.811982

Alliance Bank Malaysia Berhad	**2014q4**	2.664447	0.33	4.54	0.13	0.08	10.84	3.840742
Alliance Bank Malaysia Berhad	**2015q1**	2.666534	0.29	4.63	0.03	0.11	10.88	3.903991
Alliance Bank Malaysia Berhad	**2015q2**	2.613007	0.17	4.66	0.01	0.17	10.86	3.84203
Alliance Bank Malaysia Berhad	**2015q3**	2.429218	0.21	4.53	0.11	0.18	10.88	4.175156
Alliance Bank Malaysia Berhad	**2015q4**	2.372111	0.20	4.53	0.08	0.14	10.90	3.900153
Alliance Bank Malaysia Berhad	**2016q1**	2.416806	0.21	4.34	0.23	0.12	10.93	4.001864
Alliance Bank Malaysia Berhad	**2016q2**	2.491551	0.18	4.43	0.16	0.18	10.91	3.818152
Alliance Bank Malaysia Berhad	**2016q3**	2.455306	0.21	4.62	-0.06	0.17	10.91	3.652734
Alliance Bank Malaysia Berhad	**2016q4**	2.447551	0.23	4.58	0.00	0.22	10.89	3.793915
Alliance Bank Malaysia Berhad	**2017q1**	2.455306	0.25	4.57	0.00	0.23	10.90	3.618457
Alliance Bank Malaysia Berhad	**2017q2**	2.510412	0.33	4.47	0.10	0.30	10.91	3.478467
Alliance Bank Malaysia Berhad	**2017q3**	2.457021	0.34	4.44	0.16	0.31	10.89	3.413126
Alliance Bank Malaysia Berhad	**2017q4**	2.438863	0.30	4.33	0.17	0.18	10.87	3.48124
Alliance Bank Malaysia Berhad	**2018q1**	2.551006	0.28	4.17	0.36	0.22	10.90	3.977061
Alliance Bank Malaysia Berhad	**2018q2**	2.536075	0.20	4.38	0.45	0.48	10.89	3.859677
Alliance Bank Malaysia Berhad	**2018q3**	2.511224	0.26	4.44	0.31	0.33	10.90	3.632574
Alliance Bank Malaysia Berhad	**2018q4**	2.491551	0.23	4.51	0.25	0.26	10.90	4.17007
Alliance Bank Malaysia Berhad	**2019q1**	2.508786	0.24	4.66	0.10	0.34	10.94	3.807995
Alliance Bank Malaysia Berhad	**2019q2**	2.457021	0.25	4.56	0.26	0.51	10.96	3.848231
Alliance Bank Malaysia Berhad	**2019q3**	2.254445	0.26	4.38	0.51	0.60	10.97	3.93847
Alliance Bank Malaysia Berhad	**2019q4**	2.105353	0.37	4.29	0.62	0.52	10.98	3.679334
Alliance Bank Malaysia Berhad	**2020q1**	1.896119	0.28	4.33	0.69	0.64	11.02	4.722864
Alliance Bank Malaysia Berhad	**2020q2**	1.829376	0.19	4.46	0.64	0.81	11.03	4.522766
Alliance Bank Malaysia Berhad	**2020q3**	1.874874	0.28	4.67	0.55	1.05	11.03	4.346917
Alliance Bank Malaysia Berhad	**2020q4**	2.043814	0.23	4.47	0.92	1.21	10.98	4.398638
Affin Bank Berhad	**2012q4**	2.263428	0.46	4.26	0.79	-0.07	10.86	3.960623
Affin Bank Berhad	**2013q1**	2.237833	0.25	4.26	0.77	-0.14	10.87	3.749269
Affin Bank Berhad	**2013q2**	2.426041	0.13	4.30	0.71	-0.13	10.89	3.843316
Affin Bank Berhad	**2013q3**	2.47452	0.09	4.32	0.68	-0.11	10.90	3.851423
Affin Bank Berhad	**2013q4**	2.471315	0.14	4.31	0.65	-0.16	10.94	3.71771
Affin Bank Berhad	**2014q1**	2.426748	0.02	4.33	0.62	-0.06	10.92	3.834926
Affin Bank Berhad	**2014q2**	2.326009	0.29	4.31	0.63	0.13	10.93	3.594019
Affin Bank Berhad	**2014q3**	2.322878	0.19	4.33	0.63	0.13	10.95	3.811982
Affin Bank Berhad	**2014q4**	2.21953	0.23	4.31	0.58	-0.05	10.99	3.840742
Affin Bank Berhad	**2015q1**	2.160676	1.62	4.20	0.65	1.27	10.95	3.903991
Affin Bank Berhad	**2015q2**	2.119983	0.79	4.13	0.70	0.68	10.95	3.84203
Affin Bank Berhad	**2015q3**	1.958826	0.64	4.13	0.75	0.55	10.93	4.175156
Affin Bank Berhad	**2015q4**	1.953169	0.64	4.18	0.59	0.45	11.00	3.900153
Affin Bank Berhad	**2016q1**	1.886312	-0.03	4.14	0.63	-0.02	11.02	4.001864
Affin Bank Berhad	**2016q2**	1.886312	-0.13	4.19	0.63	0.01	11.00	3.818152
Affin Bank Berhad	**2016q3**	1.855673	0	4.10	0.68	0.02	10.98	3.652734
Affin Bank Berhad	**2016q4**	1.914419	0.41	4.02	0.47	0.06	11.01	3.793915
Affin Bank Berhad	**2017q1**	2.047047	0.59	3.64	0.66	0.06	11.02	3.618457
Affin Bank Berhad	**2017q2**	2.104378	0.47	3.60	0.70	0.20	11.05	3.478467
Affin Bank Berhad	**2017q3**	2.027753	0.36	3.59	0.77	0.22	11.04	3.413126

Affin Bank Berhad	**2017q4**	1.976716	0.26	3.35	0.93	0.22	11.16	3.48124
Affin Bank Berhad	**2018q1**	1.997418	-0.07	3.85	0.93	0.07	11.19	3.977061
Affin Bank Berhad	**2018q2**	2.020222	0.16	3.80	1.03	0.43	11.18	3.859677
Affin Bank Berhad	**2018q3**	2.004179	0.08	3.80	1.02	0.32	11.23	3.632574
Affin Bank Berhad	**2018q4**	1.930071	0.10	3.60	1.18	0.14	11.24	4.17007
Affin Bank Berhad	**2019q1**	1.906575	-0.06	3.59	1.20	-0.03	11.24	3.807995
Affin Bank Berhad	**2019q2**	1.867176	-0.02	3.51	1.25	-0.07	11.24	3.848231
Affin Bank Berhad	**2019q3**	1.790091	0.07	3.57	1.23	0.11	11.19	3.93847
Affin Bank Berhad	**2019q4**	1.754404	0.10	3.73	1.10	0.11	11.13	3.679334
Affin Bank Berhad	**2020q1**	1.621366	0.26	3.84	1.13	1.33	11.12	4.722864
Affin Bank Berhad	**2020q2**	1.545433	0.14	3.93	1.12	0.71	11.12	4.522766
Affin Bank Berhad	**2020q3**	1.506297	0.08	4.12	1.05	0.96	11.15	4.346917
Affin Bank Berhad	**2020q4**	1.562346	0.59	3.87	1.26	1.04	11.15	4.398638
BIMB Holdings Berhad	**2012q4**	2.090629	0.87	4.96	0.44	0.38	10.69	3.960623
BIMB Holdings Berhad	**2013q1**	2.164472	0.55	5.04	0.40	-0.02	10.77	3.749269
BIMB Holdings Berhad	**2013q2**	2.368373	0.50	5.10	0.31	0.01	10.76	3.843316
BIMB Holdings Berhad	**2013q3**	2.494857	0.44	5.07	0.33	0.10	10.79	3.851423
BIMB Holdings Berhad	**2013q4**	2.600465	0.73	5.17	0.17	-0.07	10.81	3.71771
BIMB Holdings Berhad	**2014q1**	2.535283	0.29	5.17	0.16	0.27	10.80	3.834926
BIMB Holdings Berhad	**2014q2**	2.522524	0.32	5.19	0.14	0.26	10.82	3.594019
BIMB Holdings Berhad	**2014q3**	2.56341	0.49	5.12	0.17	0.29	10.82	3.811982
BIMB Holdings Berhad	**2014q4**	2.53449	0.38	5.14	0.13	0.22	10.88	3.840742
BIMB Holdings Berhad	**2015q1**	2.505526	0.75	5.08	0.18	0.41	10.90	3.903991
BIMB Holdings Berhad	**2015q2**	2.494032	0.56	5.12	0.17	0.37	10.93	3.84203
BIMB Holdings Berhad	**2015q3**	2.494857	0.53	5.15	0.13	0.21	10.89	4.175156
BIMB Holdings Berhad	**2015q4**	2.470639	0.33	5.16	0.09	0.21	10.96	3.900153
BIMB Holdings Berhad	**2016q1**	2.392426	0.53	5.30	-0.06	0.39	10.92	4.001864
BIMB Holdings Berhad	**2016q2**	2.464704	0.42	5.19	0.05	0.37	10.95	3.818152
BIMB Holdings Berhad	**2016q3**	2.500616	0.41	5.12	0.09	0.32	10.96	3.652734
BIMB Holdings Berhad	**2016q4**	2.545531	0.41	5.17	-0.02	0.25	11.05	3.793915
BIMB Holdings Berhad	**2017q1**	2.581731	0.29	5.17	-0.05	0.09	11.02	3.618457
BIMB Holdings Berhad	**2017q2**	2.598979	0.30	5.08	0.02	0.17	11.03	3.478467
BIMB Holdings Berhad	**2017q3**	2.576422	0.32	5.00	0.07	-0.03	11.01	3.413126
BIMB Holdings Berhad	**2017q4**	2.571849	0.43	4.97	-0.07	-0.04	11.09	3.48124
BIMB Holdings Berhad	**2018q1**	2.507972	0.50	5.17	-0.01	0.20	11.11	3.977061
BIMB Holdings Berhad	**2018q2**	2.482404	0.42	5.18	-0.03	0.17	11.10	3.859677
BIMB Holdings Berhad	**2018q3**	2.460443	0.38	5.18	-0.03	0.19	11.12	3.632574
BIMB Holdings Berhad	**2018q4**	2.400619	0.35	5.22	-0.08	0.18	11.19	4.17007
BIMB Holdings Berhad	**2019q1**	2.510412	0.70	5.14	-0.05	0.20	11.19	3.807995
BIMB Holdings Berhad	**2019q2**	2.626117	0.58	4.90	0.17	0.23	11.21	3.848231
BIMB Holdings Berhad	**2019q3**	2.500616	0.53	4.94	0.10	0.24	11.23	3.93847
BIMB Holdings Berhad	**2019q4**	2.550226	0.47	5.16	-0.15	0.17	11.25	3.679334
BIMB Holdings Berhad	**2020q1**	2.396075	0.36	5.19	-0.19	0.24	11.23	4.722864
BIMB Holdings Berhad	**2020q2**	2.318458	0.33	5.32	-0.36	0.22	11.28	4.522766
BIMB Holdings Berhad	**2020q3**	2.361797	0.14	5.63	-0.51	0.54	11.29	4.346917

BIMB Holdings Berhad	**2020q4**	2.406945	0.21	5.52	-0.40	0.39	11.36	4.398638
Hong Leong Bank Berhad	**2012q4**	3.752793	0.20	4.94	0.40	-0.06	11.95	3.960623
Hong Leong Bank Berhad	**2013q1**	3.733614	0.48	4.95	0.34	0.02	11.97	3.749269
Hong Leong Bank Berhad	**2013q2**	3.716251	0.31	4.88	0.34	0.04	12.01	3.843316
Hong Leong Bank Berhad	**2013q3**	3.700808	0.37	4.87	0.31	-0.07	12.00	3.851423
Hong Leong Bank Berhad	**2013q4**	3.722556	0.38	4.85	0.29	0.01	12.02	3.71771
Hong Leong Bank Berhad	**2014q1**	3.713572	0.42	4.86	0.22	0.04	12.02	3.834926
Hong Leong Bank Berhad	**2014q2**	3.695855	0.18	4.86	0.17	0.05	12.05	3.594019
Hong Leong Bank Berhad	**2014q3**	3.730501	0.31	4.86	0.14	-0.04	12.09	3.811982
Hong Leong Bank Berhad	**2014q4**	3.724729	0.45	4.87	-0.02	-0.13	12.08	3.840742
Hong Leong Bank Berhad	**2015q1**	3.718681	0.45	4.85	-0.12	-0.09	12.10	3.903991
Hong Leong Bank Berhad	**2015q2**	3.682861	0.29	4.91	-0.17	-0.05	12.12	3.84203
Hong Leong Bank Berhad	**2015q3**	3.649099	0.27	4.88	-0.19	0.08	12.14	4.175156
Hong Leong Bank Berhad	**2015q4**	3.701549	0.28	4.83	-0.15	0.14	12.14	3.900153
Hong Leong Bank Berhad	**2016q1**	3.681855	0.28	4.85	-0.20	0.12	12.15	4.001864
Hong Leong Bank Berhad	**2016q2**	3.688879	0.28	4.79	-0.24	0.04	12.15	3.818152
Hong Leong Bank Berhad	**2016q3**	3.671733	0.22	4.72	-0.17	0.08	12.15	3.652734
Hong Leong Bank Berhad	**2016q4**	3.691875	0.23	4.67	-0.15	0.08	12.16	3.793915
Hong Leong Bank Berhad	**2017q1**	3.701796	0.25	4.66	-0.13	0.11	12.18	3.618457
Hong Leong Bank Berhad	**2017q2**	3.772301	0.26	4.56	-0.04	0.13	12.18	3.478467
Hong Leong Bank Berhad	**2017q3**	3.850148	0.16	4.56	-0.02	0.14	12.19	3.413126
Hong Leong Bank Berhad	**2017q4**	3.872866	0.19	4.56	-0.03	0.09	12.22	3.48124
Hong Leong Bank Berhad	**2018q1**	4.050393	0.34	4.56	-0.17	0.07	12.19	3.977061
Hong Leong Bank Berhad	**2018q2**	4.032114	0.29	4.49	-0.14	0.06	12.22	3.859677
Hong Leong Bank Berhad	**2018q3**	4.097672	0.21	4.85	-0.21	0.06	12.24	3.632574
Hong Leong Bank Berhad	**2018q4**	4.118712	0.21	4.80	-0.22	-0.06	12.26	4.17007
Hong Leong Bank Berhad	**2019q1**	4.130676	0.21	4.76	-0.22	-0.04	12.24	3.807995
Hong Leong Bank Berhad	**2019q2**	4.060098	0.21	4.77	-0.25	0.01	12.24	3.848231
Hong Leong Bank Berhad	**2019q3**	3.930256	0.19	4.70	-0.21	-0.03	12.24	3.93847
Hong Leong Bank Berhad	**2019q4**	3.940027	0.23	4.63	-0.17	0.01	12.27	3.679334
Hong Leong Bank Berhad	**2020q1**	3.801315	0.26	4.51	-0.02	0.13	12.29	4.722864
Hong Leong Bank Berhad	**2020q2**	3.713084	0.35	4.95	-0.49	0.23	12.31	4.522766
Hong Leong Bank Berhad	**2020q3**	3.785098	0.05	5.25	-0.73	0.28	12.33	4.346917
Hong Leong Bank Berhad	**2020q4**	3.915617	0.05	5.26	-0.62	0.46	12.34	4.398638
Hong Leong Financial Group Berhad	**2012q4**	3.642574	-0.33	4.94	0.39	-0.07	12.04	3.960623
Hong Leong Financial Group Berhad	**2013q1**	3.744551	0.47	4.95	0.33	0.01	12.07	3.749269
Hong Leong Financial Group Berhad	**2013q2**	3.785552	0.53	4.88	0.33	0.04	12.10	3.843316
Hong Leong Financial Group Berhad	**2013q3**	3.743841	0.42	4.87	0.29	-0.07	12.10	3.851423
Hong Leong Financial Group Berhad	**2013q4**	3.820127	0.42	4.85	0.28	0.01	12.12	3.71771
Hong Leong Financial Group Berhad	**2014q1**	3.838807	0.41	4.86	0.21	-0.01	12.12	3.834926
Hong Leong Financial Group Berhad	**2014q2**	3.829076	0.30	4.86	0.16	0.01	12.16	3.594019
Hong Leong Financial Group Berhad	**2014q3**	3.935544	0.23	4.86	0.12	-0.06	12.19	3.811982
Hong Leong Financial Group Berhad	**2014q4**	3.939638	0.27	4.87	-0.03	-0.13	12.18	3.840742
Hong Leong Financial Group Berhad	**2015q1**	3.908417	0.31	4.85	-0.12	-0.11	12.20	3.903991
Hong Leong Financial Group Berhad	**2015q2**	3.828859	0.28	4.91	-0.19	-0.05	12.22	3.84203

Hong Leong Financial Group Berhad	**2015q3**	3.762594	0.27	4.88	-0.20	0.08	12.23	4.175156
Hong Leong Financial Group Berhad	**2015q4**	3.73457	0.28	4.83	-0.16	0.14	12.24	3.900153
Hong Leong Financial Group Berhad	**2016q1**	3.768153	0.28	4.85	-0.21	0.14	12.25	4.001864
Hong Leong Financial Group Berhad	**2016q2**	3.795489	0.28	4.79	-0.24	0.04	12.26	3.818152
Hong Leong Financial Group Berhad	**2016q3**	3.844172	0.22	4.72	-0.19	0.09	12.25	3.652734
Hong Leong Financial Group Berhad	**2016q4**	3.805328	0.23	4.67	-0.16	0.09	12.27	3.793915
Hong Leong Financial Group Berhad	**2017q1**	3.821223	0.24	4.66	-0.14	0.10	12.29	3.618457
Hong Leong Financial Group Berhad	**2017q2**	3.920785	0.26	4.56	-0.04	0.13	12.30	3.478467
Hong Leong Financial Group Berhad	**2017q3**	3.924347	0.16	4.56	-0.02	0.14	12.31	3.413126
Hong Leong Financial Group Berhad	**2017q4**	3.924742	0.19	4.56	-0.03	0.09	12.33	3.48124
Hong Leong Financial Group Berhad	**2018q1**	4.041647	0.33	4.56	-0.17	0.07	12.32	3.977061
Hong Leong Financial Group Berhad	**2018q2**	4.032114	0.29	4.49	-0.14	0.06	12.34	3.859677
Hong Leong Financial Group Berhad	**2018q3**	4.043051	0.21	4.85	-0.21	0.06	12.37	3.632574
Hong Leong Financial Group Berhad	**2018q4**	4.029273	0.21	4.80	-0.22	-0.06	12.39	4.17007
Hong Leong Financial Group Berhad	**2019q1**	4.070393	0.21	4.75	-0.22	-0.03	12.37	3.807995
Hong Leong Financial Group Berhad	**2019q2**	4.038479	0.21	4.77	-0.25	0.01	12.38	3.848231
Hong Leong Financial Group Berhad	**2019q3**	3.933784	0.19	4.69	-0.21	-0.03	12.38	3.93847
Hong Leong Financial Group Berhad	**2019q4**	3.924347	0.22	4.63	-0.19	0.02	12.41	3.679334
Hong Leong Financial Group Berhad	**2020q1**	3.809326	0.25	4.50	-0.02	0.13	12.42	4.722864
Hong Leong Financial Group Berhad	**2020q2**	3.678829	0.35	4.95	-0.49	0.23	12.44	4.522766
Hong Leong Financial Group Berhad	**2020q3**	3.690378	0.05	5.25	-0.76	0.27	12.47	4.346917
Hong Leong Financial Group Berhad	**2020q4**	3.8828	0.17	5.26	-0.62	0.46	12.48	4.398638
Malayan Banking Berhad	**2012q4**	3.306154	0.48	4.66	0.58	0.23	13.11	3.960623
Malayan Banking Berhad	**2013q1**	3.309813	0.27	4.60	0.63	0.11	13.15	3.749269
Malayan Banking Berhad	**2013q2**	3.407842	0.04	4.64	0.62	0.32	13.19	3.843316
Malayan Banking Berhad	**2013q3**	3.404525	0.28	4.67	0.60	0.32	13.21	3.851423
Malayan Banking Berhad	**2013q4**	3.383712	0.47	4.68	0.39	0.21	13.24	3.71771
Malayan Banking Berhad	**2014q1**	3.370394	0.19	4.67	0.22	0.21	13.27	3.834926
Malayan Banking Berhad	**2014q2**	3.388112	0.19	4.68	0.20	0.18	13.28	3.594019
Malayan Banking Berhad	**2014q3**	3.399195	0.23	4.56	0.29	0.14	13.32	3.811982
Malayan Banking Berhad	**2014q4**	3.343921	0.28	4.56	0.42	0.09	13.37	3.840742
Malayan Banking Berhad	**2015q1**	3.305054	0.47	4.54	0.41	0.23	13.40	3.903991
Malayan Banking Berhad	**2015q2**	3.309813	0.55	4.42	0.44	0.26	13.40	3.84203
Malayan Banking Berhad	**2015q3**	3.277899	0.51	4.45	0.43	0.37	13.46	4.175156
Malayan Banking Berhad	**2015q4**	3.218076	0.51	4.28	0.62	0.39	13.47	3.900153
Malayan Banking Berhad	**2016q1**	3.262318	0.32	4.25	0.75	0.77	13.46	4.001864
Malayan Banking Berhad	**2016q2**	3.228034	0.27	4.26	0.85	0.81	13.49	3.818152
Malayan Banking Berhad	**2016q3**	3.150169	0.28	4.32	0.80	0.64	13.48	3.652734
Malayan Banking Berhad	**2016q4**	3.172622	0.36	4.28	0.82	0.60	13.51	3.793915
Malayan Banking Berhad	**2017q1**	3.248046	0.20	4.27	0.88	0.45	13.52	3.618457
Malayan Banking Berhad	**2017q2**	3.355153	0.34	4.25	0.93	0.58	13.53	3.478467
Malayan Banking Berhad	**2017q3**	3.350956	0.28	4.27	0.92	0.49	13.55	3.413126
Malayan Banking Berhad	**2017q4**	3.342862	0.56	4.27	0.85	0.40	13.55	3.48124
Malayan Banking Berhad	**2018q1**	3.439135	0.84	4.47	0.87	0.41	13.55	3.977061
Malayan Banking Berhad	**2018q2**	3.382354	0.54	4.37	0.97	0.44	13.59	3.859677

Malayan Banking Berhad	**2018q3**	3.386422	0.48	4.36	0.98	0.40	13.58	3.632574
Malayan Banking Berhad	**2018q4**	3.345685	0.42	4.41	0.88	0.32	13.60	4.17007
Malayan Banking Berhad	**2019q1**	3.344274	0.35	4.37	0.91	0.47	13.61	3.807995
Malayan Banking Berhad	**2019q2**	3.301377	0.31	4.31	0.97	0.38	13.62	3.848231
Malayan Banking Berhad	**2019q3**	3.252311	0.38	4.29	0.99	0.50	13.65	3.93847
Malayan Banking Berhad	**2019q4**	3.249211	0.37	4.28	0.97	0.44	13.63	3.679334
Malayan Banking Berhad	**2020q1**	3.190476	0.17	4.34	1.00	0.74	13.65	4.722864
Malayan Banking Berhad	**2020q2**	3.117065	0.58	4.42	0.91	1.04	13.66	4.522766
Malayan Banking Berhad	**2020q3**	3.100993	0.52	4.50	0.85	0.90	13.68	4.346917
Malayan Banking Berhad	**2020q4**	3.151025	0.58	4.59	0.80	0.88	13.66	4.398638
Public Bank Berhad	**2012q4**	2.224624	0.25	4.84	-0.37	0.15	12.52	3.960623
Public Bank Berhad	**2013q1**	2.227862	0.31	4.82	-0.39	0.16	12.57	3.749269
Public Bank Berhad	**2013q2**	2.277267	0.27	4.81	-0.40	0.16	12.59	3.843316
Public Bank Berhad	**2013q3**	2.312535	0.27	4.76	-0.37	0.17	12.61	3.851423
Public Bank Berhad	**2013q4**	2.386007	0.26	4.78	-0.40	0.17	12.63	3.71771
Public Bank Berhad	**2014q1**	2.407846	0.23	4.78	-0.42	0.15	12.65	3.834926
Public Bank Berhad	**2014q2**	2.48574	0.22	4.77	-0.43	0.13	12.69	3.594019
Public Bank Berhad	**2014q3**	2.451005	0.20	4.76	-0.43	0.11	12.71	3.811982
Public Bank Berhad	**2014q4**	2.406044	0.20	4.81	-0.49	0.11	12.75	3.840742
Public Bank Berhad	**2015q1**	2.404239	0.22	4.85	-0.58	0.12	12.78	3.903991
Public Bank Berhad	**2015q2**	2.428336	0.21	4.86	-0.62	0.11	12.80	3.84203
Public Bank Berhad	**2015q3**	2.388763	0.22	4.87	-0.63	0.13	12.80	4.175156
Public Bank Berhad	**2015q4**	2.397895	0.22	4.79	-0.71	0.06	12.80	3.900153
Public Bank Berhad	**2016q1**	2.410542	0.18	4.79	-0.73	0.10	12.83	4.001864
Public Bank Berhad	**2016q2**	2.437116	0.18	4.76	-0.71	0.10	12.85	3.818152
Public Bank Berhad	**2016q3**	2.469793	0.18	4.70	-0.65	0.11	12.86	3.652734
Public Bank Berhad	**2016q4**	2.470639	0.18	4.63	-0.67	0.07	12.85	3.793915
Public Bank Berhad	**2017q1**	2.484073	0.19	4.64	-0.71	0.09	12.87	3.618457
Public Bank Berhad	**2017q2**	2.489894	0.18	4.59	-0.69	0.06	12.88	3.478467
Public Bank Berhad	**2017q3**	2.507157	0.17	4.59	-0.69	0.08	12.88	3.413126
Public Bank Berhad	**2017q4**	2.503892	0.16	4.56	-0.73	0.07	12.89	3.48124
Public Bank Berhad	**2018q1**	2.624669	0.15	4.83	-0.73	0.09	12.89	3.977061
Public Bank Berhad	**2018q2**	2.653242	0.15	4.76	-0.69	0.06	12.92	3.859677
Public Bank Berhad	**2018q3**	2.696652	0.15	4.70	-0.65	0.06	12.94	3.632574
Public Bank Berhad	**2018q4**	2.698	0.16	4.84	-0.67	0.05	12.95	4.17007
Public Bank Berhad	**2019q1**	2.680336	0.14	4.83	-0.69	0	12.95	3.807995
Public Bank Berhad	**2019q2**	2.626117	0.14	4.75	-0.63	0.04	12.96	3.848231
Public Bank Berhad	**2019q3**	2.522524	0.14	4.77	-0.65	0.05	12.97	3.93847
Public Bank Berhad	**2019q4**	2.474014	0.15	4.82	-0.71	0.05	12.98	3.679334
Public Bank Berhad	**2020q1**	2.334084	0.14	4.88	-0.78	0.07	12.99	4.722864
Public Bank Berhad	**2020q2**	2.252344	0.13	5.07	-0.92	0.13	13.00	4.522766
Public Bank Berhad	**2020q3**	2.284421	0.14	5.34	-1.11	0.22	13.02	4.346917
Public Bank Berhad	**2020q4**	2.362739	0.13	5.43	-1.02	0.33	13.02	4.398638
RHB Bank Berhad	**2012q4**	2.811809	0.60	4.26	1.03	0.14	12.05	3.960623
RHB Bank Berhad	**2013q1**	2.870169	0.24	4.29	1.02	0.57	12.01	3.749269

RHB Bank Berhad	**2013q2**	2.943386	0.24	4.15	1.10	0.54	12.03	3.843316
RHB Bank Berhad	**2013q3**	2.838493	0.51	4.14	1.03	0.39	12.05	3.851423
RHB Bank Berhad	**2013q4**	2.843164	0.45	4.17	1.03	0.37	12.07	3.71771
RHB Bank Berhad	**2014q1**	2.880882	0.28	4.24	0.92	0.18	12.10	3.834926
RHB Bank Berhad	**2014q2**	2.918311	0.27	4.22	0.88	0.14	12.15	3.594019
RHB Bank Berhad	**2014q3**	2.988708	0.37	4.21	0.81	0.19	12.17	3.811982
RHB Bank Berhad	**2014q4**	2.893146	0.63	4.16	0.66	0.19	12.23	3.840742
RHB Bank Berhad	**2015q1**	2.870169	0.25	4.14	0.68	0.15	12.26	3.903991
RHB Bank Berhad	**2015q2**	2.824944	0.24	4.07	0.68	0.01	12.26	3.84203
RHB Bank Berhad	**2015q3**	2.679651	0.30	4.07	0.63	0.09	12.28	4.175156
RHB Bank Berhad	**2015q4**	2.566487	0.30	4.15	0.63	0.23	12.34	3.900153
RHB Bank Berhad	**2016q1**	2.539237	0.22	4.23	0.57	0.18	12.27	4.001864
RHB Bank Berhad	**2016q2**	2.668616	0.21	4.08	0.72	0.19	12.33	3.818152
RHB Bank Berhad	**2016q3**	2.690565	0.20	4.03	0.81	0.30	12.34	3.652734
RHB Bank Berhad	**2016q4**	2.670002	0.25	4.04	0.89	0.39	12.37	3.793915
RHB Bank Berhad	**2017q1**	2.702032	0.20	4.10	0.87	0.35	12.36	3.618457
RHB Bank Berhad	**2017q2**	2.769459	0.21	4.11	0.83	0.21	12.36	3.478467
RHB Bank Berhad	**2017q3**	2.713369	0.21	4.13	0.84	0.27	12.37	3.413126
RHB Bank Berhad	**2017q4**	2.706716	0.51	3.94	0.80	0.27	12.35	3.48124
RHB Bank Berhad	**2018q1**	2.775709	0.36	4.45	0.83	0.26	12.37	3.977061
RHB Bank Berhad	**2018q2**	2.778819	0.31	4.43	0.85	0.23	12.37	3.859677
RHB Bank Berhad	**2018q3**	2.787477	0.27	4.45	0.86	0.20	12.38	3.632574
RHB Bank Berhad	**2018q4**	2.758109	0.34	4.54	0.72	0.20	12.40	4.17007
RHB Bank Berhad	**2019q1**	2.820783	0.26	4.50	0.75	0.22	12.43	3.807995
RHB Bank Berhad	**2019q2**	2.85532	0.38	4.44	0.77	0.20	12.44	3.848231
RHB Bank Berhad	**2019q3**	2.823757	0.34	4.43	0.77	0.19	12.44	3.93847
RHB Bank Berhad	**2019q4**	2.844328	0.39	4.45	0.68	0.18	12.46	3.679334
RHB Bank Berhad	**2020q1**	2.768204	0.22	4.47	0.69	0.34	12.46	4.722864
RHB Bank Berhad	**2020q2**	2.660959	0.24	4.55	0.63	0.40	12.48	4.522766
RHB Bank Berhad	**2020q3**	2.651127	0.19	4.68	0.52	0.39	12.48	4.346917
RHB Bank Berhad	**2020q4**	2.696652	0.04	4.78	0.54	0.59	12.51	4.398638
AMMB Holdings Berhad	**2012q4**	2.973487	0.35	4.82	0.73	0.16	11.72	3.960623
AMMB Holdings Berhad	**2013q1**	2.956472	0.98	4.86	0.68	0.21	11.76	3.749269
AMMB Holdings Berhad	**2013q2**	3.061988	0.06	4.88	0.63	-0.10	11.75	3.843316
AMMB Holdings Berhad	**2013q3**	3.121483	0.98	4.86	0.67	-0.25	11.77	3.851423
AMMB Holdings Berhad	**2013q4**	3.092405	1.08	4.78	0.68	0.07	11.78	3.71771
AMMB Holdings Berhad	**2014q1**	3.079614	1.01	4.85	0.62	0.16	11.80	3.834926
AMMB Holdings Berhad	**2014q2**	3.074543	1.58	4.79	0.63	0.37	11.73	3.594019
AMMB Holdings Berhad	**2014q3**	3.019937	1.40	4.77	0.58	0.40	11.73	3.811982
AMMB Holdings Berhad	**2014q4**	2.99773	1.27	4.66	0.64	0.21	11.78	3.840742
AMMB Holdings Berhad	**2015q1**	2.946017	1.19	4.65	0.58	-0.08	11.80	3.903991
AMMB Holdings Berhad	**2015q2**	2.93492	0.91	4.64	0.59	0.22	11.79	3.84203
AMMB Holdings Berhad	**2015q3**	2.698	0.80	4.53	0.67	-0.02	11.80	4.175156
AMMB Holdings Berhad	**2015q4**	2.631889	0.75	4.55	0.59	-0.16	11.82	3.900153
AMMB Holdings Berhad	**2016q1**	2.587012	0.77	4.40	0.66	-0.18	11.80	4.001864

AMMB Holdings Berhad	**2016q2**	2.586259	1.36	4.40	0.52	-0.12	11.77	3.818152
AMMB Holdings Berhad	**2016q3**	2.547881	0.95	4.42	0.49	-0.14	11.73	3.652734
AMMB Holdings Berhad	**2016q4**	2.540814	0.79	4.43	0.43	-0.18	11.77	3.793915
AMMB Holdings Berhad	**2017q1**	2.629007	0.86	4.19	0.62	-0.21	11.81	3.618457
AMMB Holdings Berhad	**2017q2**	2.745346	0.49	4.16	0.63	0.09	11.82	3.478467
AMMB Holdings Berhad	**2017q3**	2.609334	0.50	4.13	0.63	-0.05	11.81	3.413126
AMMB Holdings Berhad	**2017q4**	2.552565	0.69	4.09	0.57	0.12	11.87	3.48124
AMMB Holdings Berhad	**2018q1**	2.553344	0.66	4.05	0.53	0	11.83	3.977061
AMMB Holdings Berhad	**2018q2**	2.415914	0.71	4.34	0.57	0.06	11.88	3.859677
AMMB Holdings Berhad	**2018q3**	2.505526	0.62	4.38	0.54	0.20	11.91	3.632574
AMMB Holdings Berhad	**2018q4**	2.517696	0.67	4.41	0.48	0.10	11.95	4.17007
AMMB Holdings Berhad	**2019q1**	2.604909	0.64	4.38	0.47	-0.30	11.98	3.807995
AMMB Holdings Berhad	**2019q2**	2.5749	0.84	4.22	0.51	-0.05	11.96	3.848231
AMMB Holdings Berhad	**2019q3**	2.531313	0.66	4.23	0.57	0.12	11.94	3.93847
AMMB Holdings Berhad	**2019q4**	2.475698	0.74	4.16	0.54	0.16	11.97	3.679334
AMMB Holdings Berhad	**2020q1**	2.341806	0.67	4.23	0.55	0.31	12.04	4.722864
AMMB Holdings Berhad	**2020q2**	2.225704	0.47	4.26	0.51	0.17	12.00	4.522766
AMMB Holdings Berhad	**2020q3**	2.177022	0.35	4.57	0.45	0.75	12.00	4.346917
AMMB Holdings Berhad	**2020q4**	2.284421	0.06	4.58	0.55	0.81	12.06	4.398638